

## CLAIMS

*What is claimed is:*

1. A graphical user interface for a computing device comprising:  
a radial menu including a plurality of first level menu items in a circumferential arrangement;  
the graphical user interface being configured such that a selection of one of the plurality of first level menu items causes a plurality of second level menu items associated with the one first level menu item to replace the first level menu items in the circumferential arrangement.
2. The graphical user interface of claim 1 wherein the radial menu further includes a central object disposed within the circumferential arrangement.
3. The graphical user interface of claim 2 wherein the central object includes text or an icon to represent a user operation.
4. The graphical user interface of claim 3 wherein the user operation includes replacing the radial menu with a menu in a list format.
5. The graphical user interface of claim 3 wherein the user operation includes displaying the first level menu items.

6. The graphical user interface of claim 1 wherein the plurality of first level menu items are populated according to a default configuration.
7. The graphical user interface of claim 1 wherein the plurality of first level menu items can be populated according to a user preference.
8. The graphical user interface of claim 1 further comprising a list format of menu items adjacent to the radial menu.
9. The graphical user interface of claim 7 wherein the graphical user interface is further configured to allow menu items to be exchanged between the list format and the radial menu.
10. The graphical user interface of claim 1 wherein at least one of the plurality of first level menu items includes text or an icon to represent a link to another menu level.
11. The graphical user interface of claim 1 wherein at least one of the plurality of second level menu items includes text or an icon to represent a link to an application.

12. A computing device comprising:
- a display screen;
  - a processor configured to present a graphical user interface on the display screen,
    - the graphical user interface comprising
    - a radial menu including a plurality of first level menu items in a circumferential arrangement;
    - the graphical user interface being configured such that a selection of one of the plurality of first level menu items causes a plurality of second level menu items associated with the one first level menu item to replace the first level menu items in the circumferential arrangement; and
    - an input device configured to send a user input to the processor for navigating the radial menu.
13. The computing device of claim 12 wherein the computing device is a handheld device.
14. The computing device of claim 12 further comprising an actuator for producing a tactile feedback, the processor being further configured to signal the actuator to produce the tactile feedback as the radial menu is navigated.
15. The computing device of claim 12 wherein the input device is an analog input device comprising a two-axis joystick mechanically biased to a center position.

16. The computing device of claim 15 wherein selection of a first or second menu item is effected by returning the joystick to the center position.
17. A computing device comprising:
- a display screen;
  - a processor configured to present a graphical user interface on the display screen, the graphical user interface comprising a menu; and
  - a handheld device including
    - an input device configured to send a user input to the processor for navigating the menu, and
    - an actuator for producing a tactile feedback, the processor being further configured to signal the actuator to produce the tactile feedback as the menu is navigated.
18. The computing device of claim 17 wherein the handheld device further includes the display screen and the processor.
19. The computing device of claim 17 wherein the menu is a radial menu.
20. The computing device of claim 17 wherein the tactile feedback is a vibration.

21. The computing device of claim 17 wherein the input device is an analog input device.
22. The computing device of claim 17 wherein the processor is further configured to signal the actuator to produce the tactile feedback when a menu item is selected.
23. The computing device of claim 17 further configured to produce a sound when the actuator is signaled to produce the tactile feedback.